

2007 FARR RANCH BSI PROGRAM SUMMARY OF RESULTS

BY WILLIAM M. PAUL

ANTELOPE VALLEY, NV ~ *Farr Farms Update* – Exciting results at Farr Farms continue to produce thicker-than-average stands. With less weeds and better water penetration, the soil has gone from dry alkaline soil to rich humus, high-yield, crop-producing soil. The earthworms are present and working hard.

In a year where local conditions (harsh winter weather and summer drought) accounted for an average loss of .5 ton per acre or more for nearly everyone in the area, Allen Farr states, “We are grateful that Farr Ranch production stayed right up there near its three-year average of 6 tons to the acre.”

The chart to the right is a compilation of the amazing results from 11 pivots farmed conventionally and also exhibits some information from two new organic pivots, labeled Park’s New and Old.

BSI recommended 48 ounces of total product (32 ounces of Carbon and 16 ounces of Bio) be applied for the Farr Ranch alfalfa fields. However, due to the Farr’s excitement about the



Pivot 6 growth by May 11, 2007

use of the BSI products and the desire to try them out under different circumstances, they often exceed the recommended amounts. The Farr family reports, “We are quite pleased with the results!”

It is interesting to note that absolutely no pesticides or commercial fertilizers were applied to the Farr fields this



Pivot 6 swathed by June 11, 2007

Pivot	1	2	3	4	5	6	7	8	9	10	11	Parks New	Parks Old	Avg
Total Ounces of Bio and Carbon applied per acre this season	75	45	48	67.5	50.5	52.5	45	45	45	81	45			54.5
Production in ton/acre														
1st Cutting	2.2	2.2	1.4	2.6	1.7	2.4	2.6	2.4	1.8	1.5	1.5	2.5	1.6	5.9*
2nd Cutting	1.7	2.5	2.1	2.6	2.3	2.3	2.4	2.1	2.3	2.3	2.1	2.0		
3rd Cutting		1.6	1.2	1.7	1.6	1.6	1.8	1.6	1.5	1.4	1.4	1.8	1.7	
Total	3.9	6.3	4.8	6.9	5.7	6.3	6.7	6.4	5.4	5.2	5.3	6.4	5.2	
Several pivots had hay tested after first cutting, here are the results!														
Total Digestible Nutrients (TDN)	57.8	56.1	56.3	56.6	57.1	57.2	57.6	57	57.1	57				
Relative Feed Value (RFV)	210	187	189	199	247	204	216	193	207					
*This number does not include pivot 1 (as it was rotated this year) nor the organic pivots which are being tracked separately														

growing season. Also, the 5.9 ton average was reached even with one severely damaged field calculated in. “The harsh winter affected this old field more than any of the others”, said Allen. He continued, “Pivot 3 only produced 4.8 ton/acre this year and will now be rotated.”

In addition, Allen commented on the results, saying, “One thing that Dr. Jackson has taught us is that oxygen deficiency and lack of enzymatic activity can be a serious problem, especially during initial plant growth. Taking this theory to heart, we applied extra Carbon to the new seeding in Pivot 1 this year, as well as to both organic pivots last year – the new stand that was put in from desert land and the old stand that we reseeded into. Results have been outstanding.”

Allen continues, “The brand-new organic crop was one of our top producers. Usually the first crop put in from desert is quite meager. Also, the re-seeding germinated and survived almost 100%, and extended production on this pivot. The difference in the new seeding this year on the conventional pivots (Pivot 1) compared to the two new seedings last year, is an average of 30 more oat bales and 40 more alfalfa bales (one cutting of each produced on Pivot 1 this year).”



Pivot 4 stack from first cutting

BSI
Biological Services
International LLC

Allen Farr
775.761.8542

Nathan Black
775.374.1423

Kyle Farr
775.761.1829

webmaster@bsibugs.com
www.bsibugs.com